

A RESOLUTION BY

CITY UTILITIES COMMITTEE

02- R-2004

A RESOLUTION AUTHORIZING THE MAYOR OR DESIGNEE TO APPROVE A NOTICE TO PROCEED WITH CH2M HILL, INC./TOC, INC., - JV FOR FC-6710-96A, ANNUAL CONTRACT FOR ARCHITECTURAL AND ENGINEERING SERVICES TO PROVIDE ENGINEERING SERVICES FOR GRIT REMOVAL SYSTEM ASSESSMENTS AT INTRENCHMENT CREEK CSO ON BEHALF OF THE DEPARTMENT OF WATERSHED MANAGEMENT IN AN AMOUNT NOT TO EXCEED SEVENTY THOUSAND SEVEN HUNDRED THIRTY FIVE DOLLARS (\$70,735.00); ALL CONTRACTED WORK SHALL BE CHARGED TO AND PAID FROM FUND ACCOUNT AND CENTER NUMBER: 2J21 524001 M57201.

WHEREAS, the City of Atlanta did enter into FC-6710-96A, Annual Architectural and Engineering Services; and

WHEREAS, the Department of Watershed Management does require engineering services for Grit Removal System Assessments at Intrenchment Creek CSO; and

WHEREAS, the Commissioner of the Department of Watershed Management and the Purchasing Agent of the Bureau of Purchasing and Real Estate have recommended that CH2M HILL, INC./TOC, INC. - JV, provide engineering services for Grit Removal System Assessments at Intrenchment Creek CSO in an amount not to exceed Seventy Thousand Seven Hundred Thirty Five Dollars (\$70,735.00); and

NOW THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ATLANTA, GEORGIA, that the Mayor be and is hereby authorized to approved Notice to Proceed with CH2M Hill, Inc./TOC Inc.-JV for FC-6710-96A, Annual Architectural and Engineering Services in an amount not to exceed Seventy Thousand Seven Hundred Thirty Five Dollars (\$70,735.00); and

BE IT FURTHER RESOLVED, that the Purchasing Agent of Purchasing be and is hereby directed to prepare an appropriate notice to proceed for execution by the Mayor, to be approved by the City Attorney as to form.

BE IT FURTHER RESOLVED, that this Notice to Proceed should not become binding on the City, and the City shall incur no liability upon same until such contract has been executed by the Mayor and delivered to the contracting party.

BE IT FINALLY RESOLVED, that all services for said Notice to Proceed shall be charged to and paid from fund account and center number: 2J21 524001 M57201.

KOB/njh (11/7/02)

**CH2MHILL****TOC, INC.****a joint venture**

115 Perimeter Center Place, NE, Suite 700
Atlanta, Georgia 30346-1278
770-604-9085
fax 770-604-9183

133 Carnegie Way, Suite 600
Atlanta, Georgia 30303
770-525-1370
fax 770-525-1376

October 21, 2002

149739.PM.XX

Ms. Marcia Hurd-Wade
City of Atlanta, Construction Management Group
Utoy Creek WRC
750 Celig Drive Suite D
Atlanta GA 30336

Subject: Scope of Work for Grit Removal Equipment Assessment

Dear Ms. Hurd-Wade:

CH2M HILL is pleased to provide this proposal to provide professional services for the assessments of the Grit Removal Equipment at Intrinchment Creek CSO.

This document is organized into the following sections.

- Work Scope
- Assumptions
- Schedule
- Compensation

Additional information will be provided to you if requested to further clarify this scope of work.

Work Scope

CH2M HILL will provide support to the ongoing assessments of the grit removal equipment at Intrinchment Creek CSO. Specific tasks to be performed include the following:

1. Analysis of materials in existing sedimentation basin;
2. Review of HYDRO International classifier performance projections;
3. Review and comment on HYDRO International full scale testing procedure;
4. Witness of the testing of the modified classifier at HYDRO International's Portland Maine testing facility and preparation of a summary report;
5. Review of HYDRO International plan to modify the full-scale units;

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6. Participation in a team meeting to review and endorse the plan of action to modify the full scale units;
7. Full scale testing of the modified vortex systems;
8. Preparation of summary documentation and equipment acceptance recommendations;
9. Third party evaluation of the Grit King performance and contract responsibilities
10. Miscellaneous project support and management.

Deliverables for this activity will be:

- Memorandum summarizing comments on classifier performance projections,
- Memorandum summarizing comments on HYDRO International full-scale testing procedure,
- Trip report for classifier testing,
- Memorandum summarizing comments on HYDRO International plan of action to modify full-scale units,
- Summary report detailing the outcome of the full- scale testing.
- Letter report from WWETCO on data evaluation, testing plans and document summary.
- Letter report from WWETCO on full - scale testing and responsibility recommendations.

Assumptions

The following assumptions were made in developing the scope of work and associated cost of services.

- The number of full scale tests of the grit removal system to be conducted has not yet been finalized. For this estimate it has been assumed that 6 tests will be conducted using a total of 4 sand samples, each to be witnessed over a total of 4 hours.
- Samples will be collected and analyzed by HYDRO International. The cost of sample analysis will be borne by HYDRO International. \$500 has been allocated for minimal equipment or supply support to HYDRO International during the full-scale tests.
- A total of \$28,298 (212 hours of support at \$125/hour plus \$450 in expenses) has been allocated for the third party evaluation of the Grit King performance and contract responsibilities by Mark Boner /WWETCO.

Schedule

Activities under this task have begun as of July 6, 2002 and will be completed approximately mid November 2002.

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Compensation


The City will compensate CH2M HILL for the scoped services as presented herein, on a per diem basis with a not to exceed cost of: \$70,735. A spreadsheet summarizing the anticipated CH2M HILL tasks and level of effort for these tasks is provided as Attachment 1. A spreadsheet detailing the anticipated WWETCO work tasks and level of effort is provided as Attachment 2. Work will performed in accordance with the terms and conditions of the agreement between the City of Atlanta and the CH2M HILL/TOC, Inc. - a Joint Venture executed March 30, 1998 (FC-6710-96).

We are grateful for the opportunity to submit this proposal. If you need any further information to evaluate our proposal, please contact me at 770-604-9095 ext. 348 or Lynne Young at 770-604-9095 ext. 457 at your convenience.

Sincerely,

CH2M HILL/TOC, Inc-A Joint Venture


Richard A. Hiresekorn, P.E.
Vice President


Gerri Dickerson, P.E.
Project Director

Attachment 1
Attachment 2

cc: Chuck Crandall/CH2M HILL
Lynne Young/CH2M HILL

Attachment 1 - CH2M HILL Level of Effort
Grit Removal System Assessments at Intrachment Creek CSO

Per Diem Rate														
	\$ 146.00	\$ 146.00	\$ 146.00	\$ 122.00	\$ 81.00	\$ 56.00	Total							
Task	Crandall	Young	Plak/ Novlin	Osbey	Office		Hours	Total Labor	Expense	HIL task #	Comments			
1 Sedimentation basin material testing by Accura Laboratory.		2		2			4	\$ 454	\$ 315	3				
2 Review of HIL classifier performance projections	2	2	8				12	\$ 1,580		3a				
3 Review and comment on HIL full scale testing procedure		8	8				16	\$ 2,144		3b				
4 Witnessa testing of modified unit in lab at Portland Maine and prepare summary report		20					20	\$ 2,920		6				
5 Review of HIL plan to modify the full scale units.		8	8				16	\$ 2,144		6				
6 Team meeting to review and endorse the plan of action to modify the full scale units.	4	6	4	4			18	\$ 2,272		6				
7 Conduct full-scale tests of the modified vortex system		38		36			72	\$ 8,172	\$ 500	8	Reduction in effort assuming that HIL will conduct and fund the bulk of the testing effort. Assume \$600 in outside expenses for test support. Grit King and classifier to be tested separately. Each test 2 hour duration plus 2 hours setup and break down. Assume 6 tests will be conducted for each unit, for a total of 12 tests.			
8 Review summary documentation from full scale testing and final recommendations for modifications of all units.	2	18	16				34	\$ 4,580		9				
9 Third party evaluation of grit king performance and contract responsibilities		8	4				12	\$ 1,658	\$ 28,208	NA	Services provided by Mark Bone/ WWETCO. 5% markup applied to WWETCO proposal in accordance with terms of CH2M HILL-TOC contract.			
10 Miscellaneous support and management		76	4	40	16		138	\$ 15,720		NA	Young, 3 hours/week from 7/5 thru 11/15 for support, 18 hours for project management. Osbey, 2 hours/week from 7/5 thru 11/15. Office, 1 hour/week from 7/5 thru 11/15.			
Total	8	182	52	82	16		340	\$ 41,822	\$ 28,113					
											\$ 70,735			

Notes:

• Task number as identified in Meeting Summary EA043.B057 dated June 21, 2002.

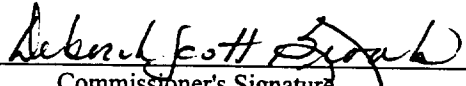
Attachment 2
City of Atlanta Intrenchment Creek WRF CSO Treatment
Grit Separator Performance and Contract Determination
WWETCO Proposal for Professional Services

Activity	Manhours	Expenses
Review Factory Testing Data	4	
Review Field Test Setup & Protocol	4	
Review Contract Plans and Specifications	8	
Review Correspondance Files	16	
Site Visit to Inspect Facilities	8	\$25
Meeting with City Staff, Engineer, Contractor and Supplier	16	\$50
Letter Report on Data Evaluation, Testing Plans and Document Summary	12	\$50
Full-Scale Test Observations	72	\$125
Full-Scale Test Data Evaluation	8	
Letter Report on Full-Scale Testing and Responsibility Recommendations	16	\$50
Review of Recommended Changes to Grit Handling Facilities	4	
Inspection of Final Facility Modifications	4	\$25
Optimization Assistance for CSO Operations	40	\$125
Total	212	\$450
Labor Rate		\$125
Total Professional Services		\$26,950

TRANSMITTAL FORM FOR LEGISLATION

TO: MAYOR'S OFFICE

ATTN: GREG PRIGDEON


Commissioner's Signature


Purchasing Agent's Signature

Originating Department: Watershed Management

Contact Person: Keith Brooks x6382

Committee(s) of Purview: City Utilities

Council Deadline: November 11, 2002

Committee Meeting Dates(s): November 26-27, 2002

Full Council Date: December 2, 2002

CAPTION

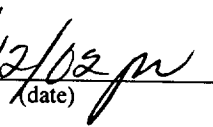
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BACKGROUND

PROVIDE ONGOING ASSESSMENTS OF THE GRIT REMOVAL EQUIPMENT ARE NECESSARY AT INTRENCHMENT CREEK CSO.

FINANCIAL IMPACT (if any) \$70,735.00

Mayor's Staff Only

Received by Mayor's Office: 11/12/02 
(date) (initials) (date)

Submitted to Council: _____
(date)

Action by Committee: ☐ Approved ☐ Adversed ☐ Held ☐ Amended
 ☐ Substitute ☐ Referred ☐ Other